

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1 1. (Currently amended) An information processing system comprising:
2 an information processing device;
3 a storage device ~~which has~~ comprising a plurality of storage areas and a storage
4 section storing a security management table for registering information about access
5 enable/disable to each of the plurality of storage areas from the information processing device;
6 a network converter connected to the information processing device and the
7 storage device so as to be communicable; and
8 a management terminal connected to the storage device and the network converter
9 so as to be communicable,
10 wherein the network converter further comprises:
11 a first protocol conversion section which converts data received from the
12 information processing device according to a first protocol into data having a form
13 determined by a Fibre Channel protocol and transmits the data to the storage device;
14 a second protocol conversion section which converts data received from
15 the storage device according to the Fibre Channel protocol into data having a form
16 determined by the first protocol and transmits the data to the information processing
17 device;
18 a conversion table storage section which stores in a conversion table a
19 combination of a first identification number which is a number for identifying the
20 information processing device and the storage device according to the first protocol, and
21 a second identification number which is a number for identifying the information
22 processing device and the storage device according to the Fibre Channel protocol;

23 a first identification number conversion section which converts the first
24 identification number into the second identification number in accordance with contents
25 stored in the conversion table; and

26 a second identification number conversion section which converts the
27 second identification number into the first identification number in accordance with
28 contents stored in the conversion table,

29 wherein the management terminal notifies the storage device of information about
30 correspondence between the identification number of each of the plurality of storage areas and
31 the second identification number of the information processing device for which access is
32 enabled to the storage area~~access enable/disable to each of the plurality of storage areas from the~~
33 ~~information processing device~~, determines a combination of the first identification number and
34 the second identification number related to each of the information processing device and the
35 storage device based on the correspondence information~~, about the access enable/disable~~ and
36 notifies the network converter of information about the combination of the first identification
37 number and the second identification number.

1 2. (Original) An information processing system according to claim 1,
2 wherein the management terminal notifies the conversion table storage section of
3 a combination of the first identification number and the second identification number only for the
4 storage device and the information processing device for which access to the storage device is
5 enabled.

1 3. (Original) An information processing system according to claim 2,
2 wherein the first protocol is an iSCSI protocol and the first identification number
3 is an iSCSI name.

1 4. (Original) An information processing system according to claim 3,
2 wherein the second identification number is a Node Name.

1 5. (Original) An information processing system according to claim 3,
2 wherein the second identification number is an N_Port_Name.

1 6. (Original) An information processing system according to claim 3,
2 wherein the second identification number is a combination of the Node Name and
3 the N_Port_Name.

7-11. (Canceled)

1 12. (New) An information processing system comprising:
2 an information processing device;
3 a storage device comprising a plurality of storage areas and a storage section
4 storing a security management table for registering information about access enable/disable to
5 each of the plurality of storage areas from the information processing device;
6 a network converter connected to the information processing device and the
7 storage device so as to be communicable; and
8 a management terminal connected to the storage device and the network converter
9 so as to be communicable,
10 wherein the network converter further comprises:
11 a first protocol conversion section for converting data received from the
12 information processing device according to a first protocol into data having a form
13 determined by a Fibre Channel protocol and transmits the data to the storage device; a
14 second protocol conversion section for converting data received from the storage device
15 according to the Fibre Channel protocol into data having a form determined by the first
16 protocol and transmits the data to the information processing device;
17 a conversion table storage section for storing in a conversion table a
18 combination of a first identification number which is a number for identifying the
19 information processing device and the storage device according to the first protocol, and

20 a second identification number which is a number for identifying the information
21 processing device and the storage device according to the Fibre Channel protocol;
22 a first identification number conversion section for converting the first
23 identification number into the second identification number in accordance with contents
24 stored in the conversion table; and
25 a second identification number conversion section for converting the
26 second identification number into the first identification number in accordance with
27 contents stored in the conversion table,
28 wherein the management terminal comprises:
29 an input unit;
30 a processor;
31 an access enable/disable notification section for notifying information
32 about access enable/disable to each of said plurality of storage areas stored in said
33 security management table to said security management table storage section; and
34 an identification number conversion notification section for notifying a
35 combination of said first identification number and said second identification number
36 related to each of said information processing device and said storage device to said
37 conversion table storage section,
38 said input unit being adapted to receive a first information concerning a
39 combination of said first identification number assigned to said information processing
40 device and a logical unit number assigned to one of said storage areas in said storage
41 device,
42 said processor being adapted to determine said second identification
43 number corresponding to said first identification number based on said first information,
44 said identification number conversion notification section being adapted to
45 transmit a second information concerning a combination of said second identification
46 number and said logical unit number or which access is enabled to said storage device,
47 said identification number conversion notification section further being
48 adapted to transmit a third information concerning a combination of said first

49 identification number and said second identification number for which access is enabled
50 to said network converter.

1 13. (New) An information processing system according to claim 12, wherein
2 the storage device further comprises:
3 a security management table in which the second identification number assigned
4 to an information processing apparatus and/or an other storage device that access the storage
5 device, and information about access enable/disable to each of the plurality of logical unit
6 numbers of the storage areas of the storage device; and
7 a security management table storing section for managing the security
8 management table,
9 the access enable/disable notification section of the management terminal being
10 adapted to transmit a combination of the second identification number and the logical unit
11 number of the information processing device for which access is enabled to the storage device,
12 the security management table storing section being adapted to store in the
13 security management table a logical unit number for which access is enabled or a logical unit
14 number for which access is disabled for each of the received second identification numbers.